

REMARKS

Claims 1-35 are pending after entry of the amendments set forth herein. With this Reply and Amendment, Claims 7, 9 and 22 have been amended to correct typographical errors.

No new matter has been added.

Response to Restriction Requirement

The Office has required election of one invention under 35 U.S.C. §121 between the following groups:

- I. Claims 1-7 and 18-22 drawn to a modified arrestin comprising arrestin and an ubiquitin moiety;
- II. Claims 8-17, 23 and 24 drawn to a nucleic acid encoding a modified arrestin, expression vector and host cells comprising said nucleic acid, and substrates with a plurality of said cells;
- III. Claims 25-31 drawn to method of screening compounds comprising exposing a cell expressing a modified arrestin to a test compound;
- IV. Claim 32 drawn to a modulator compound;
- V. Claim 33 drawn to a method of treating a subject comprising administering a modulator compound; and
- VI. Claims 34 and 35 drawn to a method of treating a subject comprising administering a nucleic acid encoding a modified arrestin.

Applicants hereby elect the invention of Group I, Claims 1-7 and 18-22.

Applicants respectfully submit that such elections are without prejudice and expressly reserve the right to prosecute the non-elected species and claims at a later stage.

Response to Election of Species Requirement

The Office has required election of one invention under 35 U.S.C. §121 between the following groups:

1. Label
2. Arrestin
3. GPCR

The Applicants hereby elect the following:

1. Label - fluorescent group
2. Arrestin - beta-arrestin-2, subspecies EGFP-Barr2-Ub48, corresponding to SEQ ID NO:6
3. GPCR - Class A GPCR, subspecies β 2AR

Applicants note that claims 6, 7, 20 and 22 are readable on the elected species, and claims 1-5, 18-19, and 21 are generic.

CONCLUSION

Applicants respectfully submit that the claims are now in condition for allowance and early notification to that effect is respectfully requested. If the Examiner feels there are further unresolved issues, the Examiner is respectfully requested to phone the undersigned at (415) 442-1000.

Respectfully submitted,
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